

Introduction

The “Supply Chain Management System” is the web-based system, aimed to provide a support for e-shopping portal. Which gives information to client and dealers for products & orders.

This product can be used by any e-shopping portal to keep track of the stock, sales, orders and its dealers & customers.

In the traditional method of tracking of all the details is tedious and time consuming. Any product survey and other functionalities has been proved as a time consuming task as it is conventionally carried out manually by representatives,.

The specific purpose of the system is to automate the communication between Customers, Admin and the dealers of the organization.

1.1 PURPOSE

The specific purpose of the system is to automate the communication between the management, clients and the dealers of the organization. This project maintains the information related to the client and dealers of the company with respect to its product launch. This will also keep track of sales and dealers. The scope of this project is to enable the user of an organization to view the issues through the LAN/Internet. Based on the category of the user i.e. employee or administrator, the various parts of the system are made available to the users.

1.2 INPUT AND OUTPUT

“Supply chain management” is basically, the movement of raw materials into finished goods. In this project the Client provides its requirements about the product. The admin, then contacts its various dealers for gathering the requirements. The dealers displays the list of items from which the admin selects the items as specified by the client. After gathering the required items, admin gives the gathered items to the inventory department where the processing is done. The final product is manufactured and then finally delivered to the client which is the output of the project. In the mean while the manufacturing cost is tabulated by the accounting department and given to the client. Finally the client gives its feedback which is transferred to the Admin and the dealers.

2. REQUIREMENT SPECIFICATIONS

2.1 HARDWARE REQUIREMENTS:

Processor	Intel core i3 / i5
RAM	4 GB
Hard disc	60 GB
Operating System	Windows 8

2.2 SOFTWARE REQUIREMENTS:

Front End	HTML, CSS, Angular JS
Back End	Spring MVC, JPA with Hibernate
Web server	Apache Tomcat 8
Data Tier	Oracle 11g

3. ASSUMPTIONS

3.1 EXISTING SYSTEM

Supply chain management (SCM) is the management of a network of interconnected businesses involved in the ultimate provision of product and service packages required by end customers. Supply Chain Management spans all movement and storage of raw materials, work-in-process inventory, and finished goods from point-of-origin to point-of-consumption. Organizations increasingly find that they must rely on effective supply chains, or networks, to successfully compete in the global market and networked economy. During the past decades, globalization, outsourcing and information technology have enabled many organizations to successfully operate solid collaborative supply networks in which each specialized business partner focuses on only a few key strategic activities. Any product survey and launching of the area carried out manually by representatives, which is a time taking task. And even gathering all the requirements from different dealers was also very tedious.

3.2 PROPOSED SYSTEM

The product designed is the web-based system, mainly for production sector, which gives information related to the clients and dealers of the company with respect to its product launches. This product develops a system that can be used by the company management to keep track of the sales, dealers and its clients. It spans all movement and storage of raw materials, work-in-process inventory, and finished goods from point-of-origin to point-of-consumption.

This application is designed to run on any computer. There is need to install java software on client side machine. Based on the designation of the user who registers into the application he has the permission to submit his registration form and then specify the requirements. This Document

plays a vital role in companies are the targets of the Supply chain management Tool. Thus it is expected that the company will deal directly with each clients of the company regarding product information. . It fulfills different requirements of client's. The specific purpose of the system is to automate the communication between the management (Admin), clients and the dealers of the organization.

Admin: List all pending orders and assign them to dealers

Dealer: Get Assigned list of orders and either accept or reject them.

For Accepted orders, mark as “dispatched” and provide expected delivery date

Customer: Place an order